## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Takeshi NAKAMURA International Application No.:

PCT/JP2005/000864

Serial No.: Unknown International Filing Date:

Filed: Concurrently herewith

For: SPEAKER

## INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits the attached Form PTO-1449. Reference Nos. 1-4 were cited in the attached International Search Report for PCT Application No. PCT/JP2005/000864.

The relevance of Reference No. 5 is discussed on page 2 of the substitute specification filed concurrently herewith.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Information Disclosure Statement March 23, 2006 Page 2 of 2

Applicant respectfully requests that the cited references be made of record in the subject application.

Respectfully submitted,

Dated: March 23, 2006 /Joseph R. Keating #37,368/

Attorney for Applicant

Joseph R. Keating Registration No. 37,368

KEATING & BENNETT, LLP 8180 Greensboro Drive, Suite 850 Tyson's Corner, VA 22102 Telephone: (703) 637-1480

Facsimile: (703) 637-1499

Subatituta	for form 14	40 /PTO		C	Complete if Known		
Substitute	ior iorni 14	49/PIU		Application Number			
INEO	DM ЛТІ	ON D	ISCLOSU	Filing Date			
				- First Named Inventor	Takeshi NAKAMURA		
STATEMENT BY APPLICANT				T Art Unit			
(Use as ma	an <i>y sheet</i> s a	s necessa	ry)	Examiner Name			
Sheet	1	of	2	Attorney Docket Number	36856.1425		

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*	No.1	Number-Kind Code <sup>2(if</sup> known)				

		FO	REIGN PATEN	T DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Le.
	1	JP 09-163490 (English abstract and machine translation)	06-1997	JAPAN		X
	2	JP 58-073694 U	05-1983	JAPAN		
	3	JP 2001-095079 (English abstract and machine translation)	04-2001	JAPAN		x
	4	JP 64-040994 U	03-1989	JAPAN		х
	5	JP 2002-232984 (English abstract and machine translation)	08-2002	JAPAN		х

Examiner	Date	
Signature	Considered	

<sup>\*</sup>Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Strandard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449/PTO				C	Complete if Known			
Substitute	e for form 14	49/PIU		Application Number				
INEO	DMAT		ICCI ACIIDI	Filing Date				
INFORMATION DISCLOSURE				First Named Inventor	Takeshi NAKAMURA			
STATEMENT BY APPLICANT (Use as many sheets as necessary)			APPLICANT	Art Unit				
			ry)	Examiner Name				
Sheet	2	of	2	Attorney Docket Number	36856.1425			

NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title  Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	6	International Search Report for PCT Application No PCT/JP2005/000864, mailed May 17, 2005.	x			

Examiner	Date	
Signature	Considered	

<sup>\*</sup>Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR L197 and L98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR L14.